

## LRA Dental & Orthopedic Material Testing

### Antigen List

---

This LRA panel is comprised of compounds that show a higher rate of reactivity in individuals and are present in a wide range of dental and orthopedic materials.

They include:

- |                          |                      |                     |
|--------------------------|----------------------|---------------------|
| 1. Acetates              | 16. Gallium Salts    | 31. Pthalates       |
| 2. Aluminum              | 17. Gold             | 32. Rubidium Salts  |
| 3. Antimony              | 18. Iron Salts       | 33. Ruthenium       |
| 4. *Arsenic              | 19. Lanthanum        | 34. Scandium        |
| 5. Barium                | 20. *Lead            | 35. Silicates       |
| 6. Benzil                | 21. *Mercury         | 36. Silver          |
| 7. Benzylkonium Chloride | 22. Metabisulfite    | 37. Sodium Fluoride |
| 8. *Beryllium Salts      | 23. Methyl Paraben   | 38. Sorbates        |
| 9. Bismuth Salt          | 24. Nickel           | 39. *Thallium       |
| 10. Cadmium              | 25. O-Posphoric Acid | 40. *Thimerosal     |
| 11. Cellulose            | 26. Phenol           | 41. Tin             |
| 12. Cerium Salts         | 27. Polyethers       | 42. Titanium        |
| 13. Chromium Salts       | 28. Polyethimines    | 43. Toluene         |
| 14. Cobalt Salts         | 29. Polyvinyls       | 44. Xylene          |
| 15. Formaldehyde         | 30. Propionates      | 45. Zinc            |
|                          |                      | 46. Zirconium       |

*\*Chemical groups and families not classified as safe for any internal or contact use, based on information from World Health Organization and national toxicology groups. Inclusion here is for the purpose of total body burden assessment and cross-reactivity considerations.*